

# WATER QUALITY M E M O R A N D U M

Utah Coal Regulatory Program

October 10, 2003

TO: Internal File

THRU: Daron Haddock, Permit Supervisor

FROM: Steve Fluke, Reclamation Hydrogeologist

RE: 2002, Fourth Quarter Water Monitoring, Canyon Fuel Company,  
SUFCO Mine, C/041/0002

**1. Was data submitted for all of the MRP required sites?** YES [ X ] NO [ ]

**2. On what date does the MRP require a five-year resampling of baseline water data.**

The MRP does not require a five-year resampling of baseline water data.

**Resampling due date.**

Not specified.

**3. Were all required parameters reported for each site?** YES [ X ] NO [ ]

**4. Were irregularities found in the data?** YES [ X ] NO [ ]

Less than 30 days between 3<sup>rd</sup> and 4<sup>th</sup> quarter sampling for most sites (streams, springs, and wells).

High specific conductivity and TDS reported for Link Canyon East portal. Possibly due to water percolating through disturbed ground at portal closure?

**5. Were DMR forms submitted for all required sites?**

4<sup>th</sup> quarter, 1<sup>st</sup> month, YES [ X ] NO [ ]  
2<sup>nd</sup> month, YES [ X ] NO [ ]  
3<sup>rd</sup> month, YES [ X ] NO [ ]

All required UPDES sites were monitored.

**6. Were all required DMR parameters reported?** YES [ ] NO [ X ]

The biomonitoring laboratory reports were not included with the DMR.

**7. Were irregularities found in the DMR data?** YES [ X ] NO [ ]

For the 3<sup>rd</sup> month (12/2002), UPDES site 002 exceeds the 30-day average and 7-day average for TSS at 25 mg/l and 35 mg/l, respectively, and exceeds the maximum allowed for settleable solids of 0.5 mg/l.

**8. Based on your review, what further actions, if any, do you recommend?**

Make sure that there are at least 30 days between quarterly sampling in the future.

Continue to monitor Link Portal East for high conductivity and dissolved solids.

Look into why UPDES site 002 exceeded the 30- and 7-day maximums and resolve.